

DECLARATION

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: TARGETED VECTORS the specification of which x is attached hereto or _____ was filed on _____ as Application No. _____ and was amended on _____ (if applicable).

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date
60/159,782	October 15, 1999

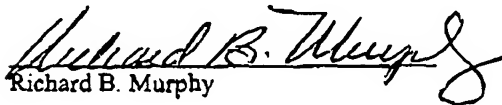
I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing	Status

Full Name of Inventor 1:	Last Name: Murphy	First Name: Richard	Middle Name or Initial: B.
Residence & Citizenship:	City: San Diego	State/Foreign Country: California	Country of Citizenship: USA
Post Office Address:	Post Office Address: 3974 Caminito Amparo	City: San Diego	State/Country: California
			Postal Code: 92122

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Inventor


Richard B. Murphy

SF 1143627 v1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

POWER OF ATTORNEY OR AUTHORIZATION OF AGENT	Application Number	09/687,930
	Filing Date	10/13/00
	First Named Inventor	Richard B. Murphy
	Group Art Unit	1635
	Examiner Name	Unassigned
	Attorney Docket Number	16930-004520

I hereby appoint:

☐ Practitioners at Customer Number → Place Customer
Number Bar Code
Label here

☒ Practitioner(s) named below:

Name	Registration Number
Eugenia Garrett-Wackowski	37,330
William B. Kezer	37,369
Joseph R. Snyder	39,381
Matthew E. Hinsch	P-47,651
Annette S. Parent	42,058

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☐ The above-mentioned Customer Number.
OR

<input checked="" type="checkbox"/> Firm or Individual Name	Matthew E. Hinsch				
Address	Townsend and Townsend and Crew LLP				
Address	Two Embarcadero Center, 8th Floor				
City	San Francisco	State	CA	ZIP	94111
Country	U.S.A.				
Telephone	(415) 576-0200	Fax	(415) 576-0300		

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record	
Name	RICHARD B. MURPHY
Signature	<i>Richard B. Murphy</i>
Date	February 17, 2001

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☒ *Total of 1 form is submitted.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Richard B. MurphyApplication No./Patent No.: 09/687,930Filed/Issue Date: 10/13/00Entitled: TARGETED VECTORSCanil, Inc., a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

X February 17, 2001
Date

X Richard B. Murphy
Signature

X RICHARD B. MURPHY
Typed or printed name

X VICE PRESIDENT AND GENERAL
Title COUNSEL

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

COPY

Attorney Docket No.: 16930-004520

ASSIGNMENT OF PATENT APPLICATION

SOLE

WHEREAS, Richard B. Murphy, of 3974 Caminito Amparo, San Diego, California 92122; hereinafter referred to as "Assignor," is the inventor of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: TARGETED VECTORS

Filing Date: October 13, 2000

Application No.: 09/687,930; and

WHEREAS, Canji, Inc., a corporation of the state of Delaware, located at 3525 John Hopkins Court, San Diego, California 92121, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has assigned, and by these presents does assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees that Assignor will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignor hereby authorizes and requests Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

COPY

COPY

IN TESTIMONY WHEREOF, Assignor has signed his/her name on the date indicated.

Dated: January 29, 2001

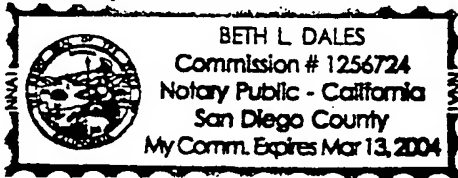
Richard B. Murphy
Richard B. Murphy

STATE OF CALIFORNIA)
)
COUNTY OF)

ss.

On JANUARY 29, 2001, before me, BETH L. DALES,
personally appeared Richard B. Murphy, personally known to me (or proved to me on the
basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and
acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the
instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



Beth L. Dales
NOTARY PUBLIC

My Commission Expires: 03/13/04

COPY



016937-00452005
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

ME Hinsch



101614696A

APRIL 30, 2001

PTAS
TOWNSEND AND TOWNSEND AND CREW LLP
MATTHEW E. HINSCH
TWO EMBARCADERO CENTER, 8TH FLOOR
SAN FRANCISCO, CA 94111

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/09/2001

REEL/FRAME: 011515/0852
NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

MURPHY, RICHARD B.

DOC DATE: 01/29/2001

ASSIGNEE:

CANJI, INC.
3525 JOHN HOPKINS COURT
SAN DIEGO, CALIFORNIA 92121

SERIAL NUMBER: 09687930
PATENT NUMBER:

FILING DATE: 10/13/2000
ISSUE DATE:

VIOLET MCCOY, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

02-20-2001

FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027



U.S. Department of Commerce
Patent and Trademark Office
PATENT

101614696

RECORDATION FORM COVER SHEET PATENTS ONLY

TO: The Commissioner of Patents and Trademarks: Please record and attach original document(s) or copy(ies).

Submission Type

- ☒ New
☐ Resubmission (Non-Recordation)
☐ Document ID #
☐ Correction of PTO Error
☐ Reel # Frame #
☐ Corrective Document
☐ Reel # Frame #

Conveyance Type

- ☒ Assignment ☐ Security Agreement
☐ License ☐ Change of Name
☐ Merger ☐ Other

U.S. Government

(For Use ONLY by U.S. Government Agencies)

- ☐ Departmental File ☐ Secret File

Conveying Party(ies)

2-9-01

☐ Mark if additional names of conveying parties attached

Name (line 1) Murphy, Richard B.

Execution Date
Month Day Year
01 29 2001

Name (line 2)

Second Party

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) Canji, Inc.

Name (line 2)

Address (line 1) 3525 John Hopkins Court

Address (line 2)

Address (line 3) San Diego

CA

92121

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

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Address (line 2)

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Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

02/16/2001 AAHMED1 00000186 201430 09687930

01 FC:581

40.00 CH

Correspondent Name and Address

Area Code and Telephone Number

415-576-0200

Name Matthew E. Hinsch

Address (line 1) Townsend and Townsend and Crew LLP

Address (line 2) Two Embarcadero Center, 8th Floor

Address (line 3) San Francisco, CA 94111

Address (line 4)

Pages

Enter the total number of pages of the attached conveyance document including any attachments

4

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached.

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

09687930						

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT		PCT		PCT	
PCT		PCT		PCT	

Number of Properties

Enter the total number of properties involved.

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41):

\$ 40

Method of Payment:

Enclosed ☐

Deposit Account ☒

Deposit Account

Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

20-1430

Authorization to charge additional fees:

Yes ☒

No ☐

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Matthew E. Hinsch

Name of Person Signing

Signature

2/5/01

Date

FEB 02 2001
TOWNSEND AND TOWNSEND
AND CREW LLP

Attorney Docket No.: 16930-004520

ASSIGNMENT OF PATENT APPLICATION

SOLE

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Title of Invention: TARGETED VECTORS

Filing Date: October 13, 2000

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For good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has assigned, and by these presents does assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees that Assignor will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

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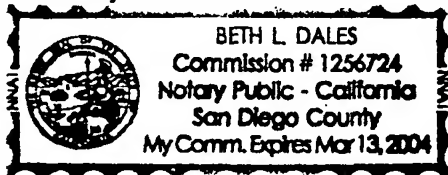
STATE OF CALIFORNIA)

ss.

COUNTY OF)

On JANUARY 29, 2001, before me, BETH L. DALES,
personally appeared Richard B. Murphy, personally known to me (or proved to me on the
basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and
acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the
instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



Beth L. Dales
NOTARY PUBLIC

My Commission Expires: 03/13/04

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

FEB 9 2001

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) reply(ies).

Submission Type

- ☒ New
☐ Resubmission (Non-Recordation)
☐ Document ID #
☐ Correction of PTO Error
☐ Reel # Frame #
☐ Corrective Document
☐ Reel # Frame #

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- ☒ Assignment ☐ Security Agreement
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☐ Merger ☐ Other

U.S. Government

(For Use ONLY by U.S. Government Agencies)

- ☐ Departmental File ☐ Secret File

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Second Party

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

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Address (line 3)

Address (line 4)

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Name Matthew E. Hinsch

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PCT

PCT

PCT

PCT

PCT

PCT

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Deposit Account ☒

Deposit Account

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20-1430

Authorization to charge additional fees:

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No ☐

Statement and Signature

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Matthew E. Hinsch

Name of Person Signing

Signature

2/5/01

Date